

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

Claims 1-7 (canceled)

Claim 8 (new): A communication terminal, comprising:

a signal reception path which includes a bandwidth widening device for artificially widening a bandwidth of a received signal in the communication terminal, a digital/analog converter and a loudspeaker; and

a signal transmission path which includes a microphone, a transmission path low-pass filter and an analog/digital converter;

wherein an echo compensation device is provided between one output of the bandwidth widening device and a connecting point of the signal transmission path, beyond the analog/digital converter with respect to the microphone.

Claim 9 (new): A communication terminal as claimed in claim 8, wherein the bandwidth widening device operates at a first sampling rate, the echo compensation device operates at a second sampling rate which is different from the first sampling rate, and a sampling rate conversion device is provided for conversion of an output signal from the bandwidth widening device at the first sampling rate to the second sampling rate, and an output of the sampling rate conversion device is connected to an input of the echo compensation device.

Claim 10 (new): A communication terminal as claimed in claim 9, wherein the sampling rate conversion device interacts with a conversion low-pass filter having a pass characteristic which is matched to the second sampling rate for the echo compensation device, with the first sampling rate being higher than the second sampling rate.

Claim 11 (new): A communication terminal as claimed in claim 9, wherein the first sampling rate for the bandwidth widening device is 16 kHz, and the second sampling rate for the echo compensation device is 8 kHz.

Claim 12 (new): A communication terminal as claimed in claim 10, wherein the pass characteristic of the conversion low-pass filter for passing signal components is at least as high as a frequency of the transmission path low-pass filter.

Claim 13 (new): A method for artificially widening a bandwidth of a received signal in a communication terminal having a signal reception path and a signal transmission path, the method comprising:

- sampling the received signal in the signal reception path;

- widening the bandwidth of the received signal via a bandwidth widening algorithm based on sample values obtained in the step of sampling so as to obtain a widened received signal; and

- compensating for an echo on the widened received signal for the signal transmission path via an echo compensation algorithm, with the widened received signal being sampled.

Claim 14 (new): A method for artificially widening a bandwidth of a received signal in a communication terminal as claimed in claim 13, wherein the step of widening is carried out at a first sampling frequency, the sampling in the step of compensating is carried out at a second sampling frequency, which is different from the first sampling frequency, and a widened received signal obtained in the step of widening is converted to the second sampling frequency before the step of compensating is carried out.